



RECEIVED

MAY 15 2003

TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Hisaji MATSUI et al.

Serial No.: ~~06-1000-012~~

PT JPA9/06061

Filed: June 25, 2001

Group Art Unit: 1754

Examiner: Peter J. Lish

P.T.O. Confirmation No.: 1040

For: AMORPHOUS NANO-SCALE CARBON TUBE AND PRODUCTION METHOD THEREFOR

AMENDMENT UNDER 37 CFR §1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

May 12, 2003

In response to the Office Action dated December 18, 2002, extended to May 18, 2003, by a two-month Petition for Extension of Time, please amend the above-identified application as follows:

CLEAN VERSION OF AMENDMENTS

IN THE CLAIMS:

Please amend claims 1-3, 7 and 14 as follows:

RECEIVED

MAY 16 2003

TC 1700

B¹
1. (Twice Amended) Amorphous nano-scale carbon tubes each containing a main framework which comprises carbon, and each having a diameter of 0.1 to 1000 nm and an amorphous structure, and each having an interlayer spacing (002) between hexagonal carbon layers of at least 3.7 Å, a diffraction angle (2θ) of 24.1 degrees or less, and a 2θ band half-width of at least 3.2 degrees, as determined with a diffractometer by an X-ray diffraction method (incident X-Ray: CuKα).

B²
2. (Amended) Amorphous nano-scale carbon tubes according to claim 1, each of which

46 B